Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

No 1st & FINAL BILL

Date : .....

Division DD

Sub-Division

Bill Received No. ..... Dated .....

Cash Book Voucher No. ..... Dated .....

Scheduled Doctet No. .....

Head of Account .....

Name of work (as per sanctioned estimate) DRILLING OF BOREWELL IN WARD NO. 14 IN T.DASARAHALLI SUB DIVISION

Name of Contractor and Full Address TECHNICAL MANGER (WEST), KRIDL

Reference to Agreement No. EE/DD/PR/26 / 2017-18 Date: 11-08-2017

Certified that the measurements were taken by me on 12/4/2018 and recorded in pages 5673326 5673327 of measurements Book No. 5674/16 and that the work is satisfactorily executed.

Contractor

Officer - in - charge of work

Certified that the measurements were checked by me on 12/6/18 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub - Division Officer

If Memorandum of Payment JOB NO : 014-17-000063

		AMOUNT
1.	Total value of work done or supplies made as per account	1st and finall Bill → 39978-00
2.	Deduct amount to be held in reserve being ..... percent Rs.	--
3.	- do - Balance	
4.	Deduct Payments :	
	a) Amount of previous payment as in the Office Cash Book Voucher No..... Dated ..... S.D. No.	
	Amount adjusted towards cash advance recovery of	
	b) Payments cost store or other materials supplied.	
5.	Balance being unpaid value of work done held in reserve	
6.	Deduct cash advance made on the office Cash Book Vehicle No. ..... dated ..... less adjustments	
7.	Net amount due to or from contractor	
	Unadjusted items	
8.	Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied.	
		Total amount adjusted --

II → 19954-00
LWC → 3997-00
PSD → 19989-00
CBF → 3998-00
Total --

Contractor Signature

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Received Rs. ..... (in words)

.....

..... by cash and by adjustment of

Payment as per memorandum.

(In final settlement of all demand)

Witness :

1.

2.

Date

Stamp

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Signature of Contractor

(For use in the Office)

Audited and admitted for Rs. 39978-00

Passed by Cheque for Rs. .....

(..... .....)

..... by adjustment

Executive Engineer

Accounts Superintendent

Exe. Engineer

S.B.M.P. Dasarahalli Division

Paid by me by cheque No. ..... Dated .....

Cash Rs. ..... Dated .....

Initials of Officer making payment dated .....

	Items of work (grouped under sub-heads the sub works of the estimate)
1	Geophysical survey geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation through the hand pumps, MWS or PWSS by vertical electrical sounding by adopting venner or schlumbergers's m including recconnaisance suevey of geological formation Geophysical investigation of existing ground Water in the vicin quality , quality & acceptabality of the users indicating the location of the site recommendeddepth of casing pipe requi seal the tope unconsolidated formation including an extra depth 1.0 metre in consolidated formation for aquire proposed tapped propable yield and other information required including transportation of instrument and accessories to work engating technical personal and labour etc.complete as per specfication & as per direction of Engineer-in-charge
2	Sinking of Borewell of 165 mm clear using fast hydraulic rig of capacity 250 PSIG & above 900 CMF & abpve in al including over burden upto 22 m fixing of casing pipes, collars and cap with necessary cutting and threading incl transporation of rig and surpporting vehicles, screws charges and cost of consumable including yield testing at the final with a minimum working of compressor for one hour all as per specfication & as per direction of Engineer-in-charge
	0.00 to 50.00 Mtr
	50.00 to 100.00 Mtr
	100.00 to 150.00 Mtr
	150.00 to 200.00 Mtr
	200.00 to 250.00 Mtr
	250.00 to 300.00 Mtr
3	Supply of ISI Mark 175mm Nominal bore ,plain end steel Casing pipe- grade of steel Fee 4100 of wall thickness 504 mm confirming to IS 4270:2001 and manufactured by basic open hearth electric or basic oxygen process in random lenth of 7mtrs. Both ends threaded Confirming to IS 554/1985, One end fixed with a Socket Confirming to IS 4270:2001 and the end with Screwed pipes . All pipes shall be reasonably free from defectes. The tube shall be reasonably straight should be ISI marking, weighing 25.10kg/mtr. Casing pipe complete as per specfication & as per direction of Engineer-in-charge
	a) Above 20 mters and Upto 30mtrs @15%
	b) Above 30mtrs @30%
4	Providing 175mm M.S. B - C lass Casing collar
5	Providing 175mm dia Casing Cap
6	Supply and delivery at site brand new submersible PUMPSET suitable for borewell of 150mm dia and having declared conditions as detailed below and satisfying performance characteristic for pump and motor as declared by Bureau of In Standards. The Pump should confirm to IS 8034 - 1970 (with all its latest amendments) and should bear the ISI mark HP 25 stage (CRI Pumps)
7	Supply and delivery of Galvanized mild steel heavy class (c-Class) conforming to IS 1239 - 1979 Part 1/1979 la amendments with ISI Mark (one end fited with ISI mark heavy duty collar and other end fitted with protective cover) 50mm
8	Submersible Cable : Supply and delivery brand New best make PVC insulated cable of flat 3 core (Sheathed) of nominal c sectional area containing to IS 884-1997 with latest amendments (as per SPD) 4 square mm
9	Providing 50mm GI Collar Heavy Duty

	Unit	Previous Measurement		Present Measurement			Total Up-to-date		Remarks
		Qty	Cost	Qty	Rate Rs. Ps.	Cost	Qty	Cost	
her nod its t to be ite,	No			2.00	1938.46	3877.00	2.00	3877.00	
rata ding epth						0.00	0.00	0.00	
	Mtr			100.00	315.18	31518.00	100.00	31518.00	
	Mtr			100.00	412.00	41200.00	100.00	41200.00	
	Mtr			100.00	458.35	45835.00	100.00	45835.00	
	Mtr			100.00	484.10	48410.00	100.00	48410.00	
	Mtr			100.00	560.32	56032.00	100.00	56032.00	
				100.00	600.49	60049.00	100.00	60049.00	
hick 5 to ther with	Rmt			80.00	1325.00	106000.00	80.00	106000.00	
	Rmt			20.00	45.90	918.00	20.00	918.00	
	Rmt			40.00	91.80	3672.00	40.00	3672.00	
	Nos			10.00	150.00	1500.00	10.00	1500.00	
	Nos			2.00	100.00	200.00	2.00	200.00	
duty dian 12.5	Set			2.00	68472.00	136944.00	2.00	136944.00	
sest	Mtr			580.00	519.30	301194.00	580.00	301194.00	
ross	Mtr			1160.00	105.60	122496.00	1160.00	122496.00	
	Mtr			96.00	130.00	12480.00	96.00	12480.00	

10	Meter and panel Board : Supply and delivery of meter and panel board unit one number of MS box of si 300 x 120mm fabricated out of 2mm thick sheet metal with sealable door arrangement for mounting the CTS (if any) cutouts 3 phase c wire energy meter and cable box complete. A transparent glass piece should be provided where the energy meter rea could be read. b. Panel Board (10.00 HP) One number of cubicle type of control panel board to operate on 50c/400/400v
11	Providing 50mm dia G.O.N.R Valve
12	Commissioning of work of pumpset including aligning and balancing with all necessary erection of material and labour inclu supply and erection of two pair of supporting clamps. One boarewell cap, cable clips and water tight gland cable protec bolts nuts, valves and gauges etc., all job including fixing sluice valve, non return valve etc and connecting deliver sid pumpset to rising main etc., compelte
13	Providing Power: Supply and delivery if brand new best maek capcitor conforming to IS : 2834 - 1986 with latest amendm with ISI mark of required capacity tested and approved by KPTCL autorities and erection, electrification and commissionir the same at the location of the best respective capacity as per IS : 8828-1978 and its latest amendments with ISI 6/10816/20-25-40 amps with sealable box with MCB etc., compelte
14	Supplying 25mm dia 2.5mm thick heavy gauge PVC conduite pipe with suitable size bends, metal / PVC Junctiong nb abdesive adhesive pase etc. And runding
15	Supplying of TPST with rewireable porcelain channels in SM enclosure a) 32 Amps 1) Group A
16	Supplying and fixing 20"x20"x2.5" polished wood board made up not less than 15cm thick plank with front plank one provided for holding at other end fixing the same of the valve using through bolts and nuts [PWD Electrical SR 2014-15, P 6.6.6)
17	Supplying and wiring adopting loop system in exising PVC conduit . Casing coping using copper PVC insulated multis 2x1.5 sqmm copper wire with a 6 Amps flush type SP control swuth shall be fixed on the exising plastic sheet / gang box other end of the wires shall be rerminated with sufficient loose length in a wood / PVC round Block. Complete for each outl
	Short point upto 3 mtr form tapping point to outer via switch
	Long point above 6 mre upto 10mts from tapping point to out iet via switch
18	Supplying 6A flush projected type socket and a 6 amps flush / projected type sp swith either surface / flush mountin exising gang box or a 4mm thick plastic sheet and fixing over a flush mounted wooded box and wiring using necessary ca wires as required
19	Wiring for lighting/power circuit using one of PVC insulted 1100V grade, multis and copper conducted single core cable or concealed system of wiring Group B 4 Sqmmwith all lead and lifts as per the direction of the engineer in charge of the
20	supplying and fixing PBBC backelite straight or slant batten holder and wiring 60w/230 volts lamps
21	supplying and fixing of LED type panel board indicating lamp with requited colour suitable for 220v A.C. 50 Hz 12/24v/.D
22	Supplying of LT UG cable having aluminium conductor PVC insulated sheathed, galvanished, steel wire/steel tap a cable with PVC outer sheathing 1.1 KV class (confirming to IS 1554(Id) 4 core 16 sqmm PVC cable.
23	Labour charges for laying 1.1 KV class UG cable when supplied departmentally/agency in existing trench GI pipe/st pipe/on wall/on pole as required (a) 10sqmm to 16 sqmm.
24	Digging of trench of 0.6m p x 0.50mtr vide refiling the trench to the required ground level and consolidation etc., comple
25	Supplying and fixing of 'A' Gi ipe on pole / wall . Drain crossing with necessary clamping arrangement for UG cable class
26	Supplying and fixing of feay duty cable glands suitable for UG cable of 1.1 KV class metal only
27	Supplying and fixing miniture circuit breakers on exisitng MCB disitribution boards using necessary fixing materials complete as requited

size a 4 ding	Nos			2.00	11000.00	22000.00	2.00	22000.00	
	Nos			2.00	856.00	1712.00	2.00	1712.00	
ding ors, e of	Nos			2.00	850.00	1700.00	2.00	1700.00	
ents g of hark	Mtr			2.00	460.00	920.00	2.00	920.00	
xed	Nos			20.00	44.28	886.00	20.00	886.00	
	Nos			2.00	1468.80	2938.00	2.00	2938.00	
end 1, It	Nos			4.00	307.80	1231.00	4.00	1231.00	
tand The						0.00	0.00	0.00	
	Rmt			2.00	189.00	378.00	2.00	378.00	
	Rmt			2.00	397.44	795.00	2.00	795.00	
in a acity	Nos			2.00	114.48	229.00	2.00	229.00	
oper rk.	Rmt			50.00	22.65	1133.00	50.00	1133.00	
	Rmt			6.00	60.48	363.00	6.00	363.00	
	Nos			6.00	464.40	2786.00	6.00	2786.00	
ured	Rmt			24.00	162.00	3888.00	24.00	3888.00	
ware	Rmt			24.00	8.64	207.00	24.00	207.00	
	Rmt			16.00	43.20	691.00	16.00	691.00	
1KV	Rmt			12.00	259.20	3110.00	12.00	3110.00	
	Nos			2.00	71.28	143.00	2.00	143.00	
iring	Nos			1.00	1085.40	1085.00	1.00	1085.00	